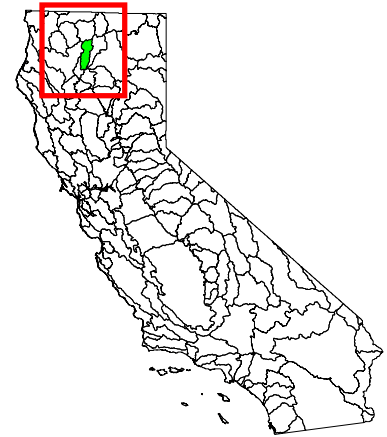


Shasta Valley Resource Conservation District

Sacramento Headwaters (Sub-basin) Watershed



Amount Funded: \$64,894

Match Provided: \$21,631

Additional Funding Obtained: \$38,000

Watershed Coordinator: Vince Cloward

Watershed Coordinator Goals, Objectives and Progress

Watershed Goal 1.2: Provide local leadership for identification of resource needs and implementation of chosen solutions.

Objective: Increased public participation and ownership of watershed needs and solutions.

- Held a regional watershed stakeholders meeting. Over 50 agency groups, property owners, government officials, and conservation organizations were represented. Also presented a conservation field trip and tour of conservation projects within Shasta Valley.
- Presented a Mossbrae Falls Action Plan to the County Board of Supervisors for approval of a collaboration regarding the proposed Mossbrae Falls trail. The request was approved and an agreement between Union Pacific Railroad, Upper Sacramento River Exchange, City of Dunsmuir, and Siskiyou County was formalized.
- Hosted two Railroad Safety meetings regarding the recent accidents in the Upper Sacramento River Canyon.
- Began the design work for the development of the Cantara River Center in Dunsmuir. Presented to the Dunsmuir City Council and received a development grant from the Cantara Trustee Council.



Railroad Safety Meeting - July 2003

Performance Measure: Meeting minutes; number of participants; meeting evaluation documentation by participants; article reprints; media coverage report; track number of sign-ups to CRMP; track number of sign-ups/attendees at RCD or CALFED sponsored meetings or hearings; identify needs and record solutions to those watershed needs, record groups participating, provide attendance lists to participants and compile a resource database for the public; survey participants to assess program effectiveness.

Watershed Goal 2.1: Support and encourage (facilitate) educational activities in the district at all levels of education.

Objective 1: Design and facilitate conservation, restoration and stewardship activities in partnership with the RCD, Forest Service and other agencies, and Siskiyou County Office of Education.

- Designed a curriculum dissemination plan. Will work with World Wildlife Fund and an intern to identify needs, disseminate information, coordinate teacher training, and evaluate program effectiveness.
- Coordinated 8 restoration field trips for 286 students. Field trip subjects included: animal adaptations, wildlife habitats, aquatic insects and river environments, stream assessments, and native plants and seeds.
- Conducted two presentations and tours. Presentations included: native birds and nesting habitats, animal skulls and adaptations, stewardship, and watershed awareness and education.
- Continued to update resource library and expand materials. New materials include: watershed curriculum, river ecology books and guides.

Performance Measure: Provide an educational partners group and implement watershed educational programs involving a minimum of 3,000 students and teachers; survey students as to what they learned, or will take time to share; survey teachers as to their evaluation and effectiveness of classroom presentations and fieldtrips. Evaluate the program annually with all educational and resource groups.

Watershed Goal 3.4: Promote and facilitate improved water quality (awareness).

Objective 1: Increased public awareness of water quality standards, impacts, and monitoring in the sub-basin.

- Conducted planning with the Department of Fish and Game and recruited high school students for upcoming monitoring on the Upper Sacramento River.
- Completed one community riparian planting and blackberry removal field trip.
- Finished all plantings. A total of 3,165 willows were planted in the riprap at 22 sites adjacent to the Upper Sacramento River.



Meeting with the County Office of Education

Performance Measure: Numbers of participants, documentation of training agendas and evaluations, article reprints and media coverage report. Report and publish water quality monitoring data to partners, agencies, organizations and the public during forums, meetings, planning groups and provide information at the River Center for visitors.

Watershed Goal 3.5: Promote and facilitate the restoration, enhancement, and conservation of plant, fish and wildlife resources.

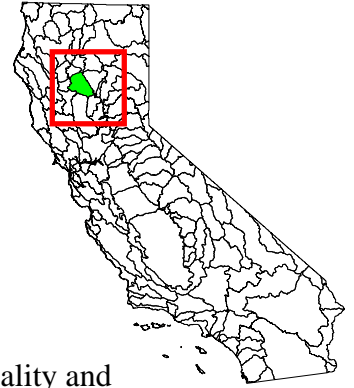
Objective 1: Increased public participation in improving the health of the watershed.

- Completed cleanup with over 130 volunteers. This event was sponsored by over 70 businesses.
- Finished one community restoration outing to Tauhindauli River Park. Volunteers removed fennel and Himaylan blackberry.
- Designed an erosion control component to the hatchery trail extension project at the Mount Shasta Hatchery.

Performance Measure: Documented participation; record of meeting agendas; workshop evaluations; create photographic display for public viewing at the River Exchange Center of successes of objective; track how participation and number of volunteers has increased since previous year. Monitor all restoration projects and provide quantitative results.

Tehama County Resource Conservation District

Sacramento-Lower Thomas Watershed



Amount Funded: \$57,110

Match Provided: \$14,361

Additional Funding Obtained to Date: \$35,777

Watershed Coordinator: Nani Teves

Watershed Goal: To improve upper watershed and riparian health, water quality and water quantity within the Tehama County RCD.

Watershed Coordinator Objectives and Progress

Objective 1: Assisting the Tehama County RCD in achieving their long-term goals for watershed health through information exchange and enhanced education and outreach activities.

- Completed final report on the Citizen's Water Quality Monitoring Project.
- Attended 8 multi-agency and stakeholder meetings.
- Organized and facilitated stakeholder meetings for Reeds Creek and Red Bank Creek Watersheds (a total of 49 citizens attended the two meetings).
- Added 48 new landowners to the stakeholder mailing list.
- The Tehama West Watershed Management Program proposal was selected to go to the full proposal stage by CALFED.



Nani Teves assisting the Irrigation Mobile Lab with field measurements of water application rates

Performance Measure: Mailing list for stakeholder meetings increased by 50 landowners and completion of project design for one greenhouse project.

Objective 2: Improve strategies for long-term planning and management of resources within the watershed.

- Mailed 300 post card questionnaires to stakeholders and workshop attendees requesting input on current resource activities and concerns. Also gathered input from local agencies and watershed groups.
- Compiled information on current and historic resident and agency resource activities.
- Updated RCD website with current activities and events.

Performance Measure: Active website and documented summary of past and present Westside watershed resources and conditions.

Objective 3: Provide assistance for an irrigation mobile laboratory.

- Assisted the Irrigation Mobile Lab with nine irrigation evaluations. The tests include water pressure, flow rate, and wetted area throughout the entire irrigation system.

Performance Measure: Successful completion of 21 irrigation evaluations and seasonal reports to agencies and landowners stating results of Mobile Lab activities including benefits to the watershed.

Objective 4: Work directly with CSU Chico to implement removal of *Arundo donax* and *Tamarix* as well as replace native vegetation in some riparian areas on Reeds and Red Bank Creeks.

- Obtained updated addresses for parcels long Reeds Creek and Red Bank Creek.
- Mailed the *Arundo donax* and Tamarisk Management Strategy and access agreement form to 90 landowners adjacent to Red Bank Creek. Received 70 signed agreements back.
- Written and verbal permission was given for all lands targeted for spraying this season.
- Assisted in organizing a field day at the two demonstration site locations to discuss the details and issues with *Arundo* removal, revegetation, and bank stabilization.



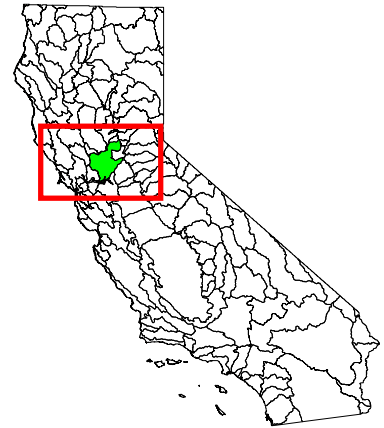
Field tour discussing Arundo and Tamarisk removal along Red Bank Creek

Performance Measure: Landowner agreements in place for removal of approximately 35 acres of invasive plant species and monitoring forms completed for eradication sites.

Additional Funding Obtained/Pending:

<u>Proposal</u>	<u>Amount Requested</u>	<u>Status</u>
Tehama West Watershed Management Program	\$460,775 requested from CALFED	Full proposal submitted on 10/15/03

Ulatis Resource Conservation District
(Name changed to Solano RCD)
Lower Sacramento River Watershed



Amount Funded: \$69,190

Match Provided: \$18,913

Additional Funding Obtained: \$389,872

Watershed Coordinator: Kathleen Robins

Watershed Goal A: Promote Community-based Watershed Stewardship in Solano County

Watershed Coordinator Objectives and Progress

Objective A-1: Foster development, coordination and funding of local stewardship groups for Solano County creeks.

- Held Four Landowner Education Field Days to provide landowner stewardship education. Topics included *Photo monitoring on Your Land*, *Erosion Control*, *Weed Identification*, and a Short Course on *Water Quality for Ranchers*. Average event attendance was 30 stakeholders.
- Helped to establish the Laurel and Ledgeewood Creek Watershed Group that formed out of a successful SWRCB Consolidated Pre-proposal to develop a watershed project on two urban creeks. This is a new watershed group, which provides an opportunity for the RCD to work more fully across the county. The coordinator have been working intensely on the full proposal the group is developing, which if successful will result in a Coordinated Resource Management Planning Group (CRMP) and Adopt a Watershed student group forming on Ledgeewood and Laurel Creeks. This is very exciting for the RCD, as it increases the number of watershed-based programs in the county, provides an opportunity to share resources, and generally expands the concept of watershed-based resource management.
- Held a successful, well attended Quarterly County Watershed Partnership Group Meeting in August.
- The RCD, in close partnership with Dixon RCD, has taken a leadership role in assisting watershed landowners in dealing with the Regional Water Quality Control Board's Agricultural Wavier for Irrigated Lands.
- The RCD has taken over coordination responsibilities for the Lake Berryessa Watershed Partnership from the Solano County Water Agency.



Coordinator examining erosion at a stream restoration demo site on lower Putah Creek

Performance Measure: Three functioning local stewardship groups (each with at least 20 stakeholders); written work priority list of four projects for each group; monitoring protocol in hands of stakeholders; three grant proposals written to support work of each group.

- Twelve grant proposals submitted thus far to support watershed work.

Objective A-2: Seek agency partnerships and funding to develop a “Welcome to the Watershed” stewardship orientation and training program for rural landowners.

- In May, submitted a proposal combining Welcome to the Watershed and the farmer-written Farm Conservation Program to the Consolidated Request for pre-proposals released by the State Water Control Board and CALFED Watershed programs.
- Continued to offer field days and short courses on watershed stewardship topics to cover *Welcome to the Watershed* material for the 20 to 40 people who attend each event. This approach has been quite successful, with each of the last three workshops filling up to maximum attendance, and each receiving excellent reviews from participants.
- Developing a series of Landowner Info Pages, single page fact sheets about pertinent rural stewardship topics. These will eventually fit into the Welcome to the Watershed program, and may also serve as components of stand alone watershed publications.



Stream restoration demo site on lower Putah Creek where Arundo has been removed

Performance Measure: Eleven signed MOUs with stakeholder agencies and organizations in Solano County to support project; project description and workplan in hands of stakeholders; two grant proposals written to support and extend project.

- MOU signing is complete. Signatories include NRCS, Dixon RCD, Solano Irrigation District, Solano Water Agency, Suisun RCD, and Fairfield-Suisun Sewer District.
- Two grant proposals were submitted. Neither was selected for funding.

Objective A-3: Develop a farmer-written Farm Conservation Plan Program to help farmers develop watershed appropriate conservation plans and comply with USDA funding requirements.

- The first field day workshops are planned for February '04.
- A positive development is the inclusion of the Yolo County Online Agricultural Conservation (OAC) Planner into the project. OAC is an internet-based farm-planning tool developed by Yolo County RCD with CALFED Ecosystem Restoration funding. The Yolo County version of the tool is almost complete and SRCD is pursuing partners to help broaden or clone the program to provide either a Solano County or regional version. This tool will complement our Farm Conservation Planning program, and bring more farmers to the watershed stewardship table.

Performance Measure: Twenty field days yielding 20 completed farmer-written farm conservation plans; evaluations of process and product by the 20 participants and the 3 RCDs; documentation of 6 month follow-up with participants regarding actual usefulness of

FCP with program improvement recommendations; write 3 grant proposals to support continuation and expansion of project.

- Four grant proposals written to support this component of the watershed program. The proposal to the Great Valley LEGACI Program was funded for \$32,120.

Watershed Goal B: Promote Cooperation and Information Sharing between Solano County Stakeholder Groups, Local Agency Personnel, Environmental Groups and Other Watershed Interests.

- Coordinating and assisting the SLEWS program of FARMS Leadership Inc. with the site selection and planning of five field days for a site adoption of 30 high school environmental science students. These students will learn and assist with the restoration of a six-acre historic ox bow on Putah Creek that was altered due to gravel mining.

Objective B-1: Foster continued development of Countywide Watershed Partnership Group

- The Countywide Solano County Watershed Partnership Group met for its quarterly meeting in August; 18 agency stakeholders attended.
- In the process of calendaring all funding opportunities for the next several months.

Performance Measure: Six quarterly meeting of the Solano County Watershed Partnership Group; biannual updates of existing *Solano County Watershed Groups and Projects Compendium*; priority list of projects for the group to address; 4 grant proposals written to support those projects.

- The Solano County Watershed Partnership Group has meet five times so far.

Grant Funding Obtained/Pending:

This quarter, submitted four funding proposals, totaling \$1,652,150 to support watersheds throughout the County (Objectives A-1, A-2 and A-3), Awards of \$389,872 to support various aspects of the project's work-plan, including stream bank clean-up in the Putah Creek watershed and the Weed Management Area.

Funding Proposals Generated to support Watershed Coordination Efforts

Proposal	Project Amount	Purpose	Status	Total s
Solano County Fish and Wildlife Propagation Fund Award Grant (submitted Qtr 5)	\$34,650	Establish habitat for wildlife in Solano County	Notification expected late '03	Requested Quarter 5: \$1,652,150
Consolidated Pre-Proposal (SWRCB, CALFED, DWR, US-EPA, CA-EPA) (submitted Qtr 4)	\$1.4 million	Building understanding and protection for two urban creeks	Forwarded to the final round, notification expected early '04	
Integrated Waste Management Board Farm and Ranch Clean-up Program (submitted Qtr5)	\$197,500	Clean up 7 sites in Putah Creek Watershed	Funded	
				Total Requested:

National Fish and Wildlife Foundation Pulling Together Initiative (submitted Qtr 2)	\$90,486	Noxious Weed Mapping and Eradication	Funded	\$2,836,587 (since 7/02) Funded: \$389,872 to date
Natural Resource Conservation Service (submitted Qtr 5)	\$20,000	Farm Bill Outreach	Pending	
Solano County Water Agency (submitted Qtr 4)	\$3,000 (potential annual funding)	Signage for the Solano County Watershed Friendly Demonstration Garden	Funded	
Solano Irrigation District (submitted Qtr 4)	\$5,000 (potential annual funding)	Solano County Watershed Friendly Demonstration Garden Maintenance	Funded	
Natural Resources Conservation Service (submitted Qtr 4)	\$6,900	On-Farm Conservation Plan Program Outreach	Funded	
US Environmental Protection Agency (submitted Qtr 4)	\$43,500	Lake Berryessa Area Watershed Coordination	Funded	
Consolidated Pre-Proposal (SWRCB, CALFED, DWR, US-EPA, CA-EPA) (submitted Qtr 4)	\$477,121 (3 year project)	Fostering Watershed Stewardship Across Three Connected Watersheds	Not Funded	
Sustainable Communities Leadership Program (submitted Qtr 3)	\$11,366 (4 month project)	Summer Intern to Develop SRCD's response to the SWRCB's Conditional Ag Runoff Waiver	Funded	
US Environmental Protection Agency (submitted Qtr 3)	\$66,281	Welcome to the Watershed	Not funded	
US Environmental Protection Agency (submitted Qtr 3)	\$85,220	Welcome to the Watershed	Not funded	
5-Star Restoration Program (submitted Qtr 3)	\$6,542	Re-vegetate Lake Hermon, partnership with CA Native Plant Society	Not funded	
Great Valley Center LEGACI (submitted Qtr 3)	\$32,120	Partially funds a series of farmer created On-Farm Conservation Plan workshops in Solano & Yolo Counties	Funded	
Sacramento Regional Water Quality Control Board (submitted Qtr 1)	\$108,886 (2 year project)	Remove noxious invasives and revegetate w/ watershed appropriate plants on a stretch of Alamo Creek	Pending Preliminary approval subject to litigation	
Western Sustainable Agricultural Research and Education (submitted Qtr 2)	\$157,529 (3 year project)	Funds a series of farmer created On-Farm Conservation Plan workshops in Solano & Yolo Counties	Not Funded	

West Lake Resource Conservation District Upper Cache Creek Watershed



Amount Funded: \$75,912

Match Provided: \$19,758

Additional Funding Obtained: \$489,810.80

Watershed Coordinator: Greg Dills

Watershed Goal: Improve watershed conditions on Upper Cache Creek tributaries.

Watershed Coordinator Objectives and Progress

Objective 1: Increase community involvement in watershed activities.

- Assisted the Scotts Creek Watershed Council with a fundraiser.
- Worked with several CRMP groups to set up a display booth at the annual Lake County Fair. Distributed resource materials, handouts, and other informational brochures. Almost thirty residents signed up for more information.
- Participating with the formation of the Cache Creek Watershed Forum. Held the first public meeting in May. More than 75 citizens attended.
- Presented information on RCD and CRMP activities to the North Coast RCD Regional meeting using PowerPoint.



CRMP Fair Booth Display 2003

Performance Measure: Six or more fund raising events/activities held, 6 or more grant applications submitted, one new CRMP formed, twelve Power Point presentations and three hundred students involved in watershed education events.

- Over 12 PowerPoint presentations have been given to a variety of groups.
- More than 400 students have been exposed to watershed management and natural resource protection issues.

Objective 2: Improve stream channel conditions by reducing solid waste in the Upper Cache Creek tributaries.

- Completing final preparations for the 2nd annual "Road Cleanup Day" and the annual "Creek Cleanup Day".
- Numerous local businesses have committed resources to the upcoming cleanup events.

Performance Measure: Minimum 60 cubic yards of rubbish and recyclables removed each year.

- The minimum yardage has been satisfied in this performance measurement. Additional trash that is collected further benefits the watershed.

Objective 3: Coordinate implementation of the Schindler Creek/High Valley CRMP stream bank restoration project.

- Final report was submitted during the previous quarter for the project.

Performance Measure: Two thousand twenty feet of stream bank restoration implemented.

- All components for the Schindler Creek have been successfully completed.

Objective 4: Coordinate implementation of the Middle Creek Restoration Project.

- The Middle Creek Restoration Project has been successfully completed.

Performance Measure: Two stream bank projects implemented.

- This performance measurement has been met.

Objective 5: Survey, map and begin eradication of *Arundo donax* in Lake County.

- Continued working with local groups to address weed management issues throughout the watershed.

Performance Measure: Survey and map a minimum of 12 colonies of *A. donax* and perform eradication.

- All surveying, mapping, and eradication efforts have exceeded the initial requirements. The survey conducted to date has identified 413 sites with 40 sites eradicated during this grant period.

Objective 6: Establish Biological and Habitat Assessment Citizen Monitoring Team.

- Funding has been approved. Once received, supplies and equipment will be purchased and monitoring will begin.

Performance Measure: Establish 6 monitoring sites for annual sampling of water quality in the Clear Lake Basin.

- Five sites have been identified; with additional sites to be established once funding is received in November 2003.

Objective 7: Coordinate natural resource management efforts with BLM on the Cow Mt. Recreation Area, specifically in Eight Mile Valley.

- In cooperation with BLM, presented information at the Scotts Creek Watershed Council meeting on Eight Mile Valley restoration progress.
- Contracted with a civil engineer to provide topographical details on the valley that will be used for the restoration project.

Performance Measure: Completed the watershed assessment and a portion of the post and cable project has been performed.

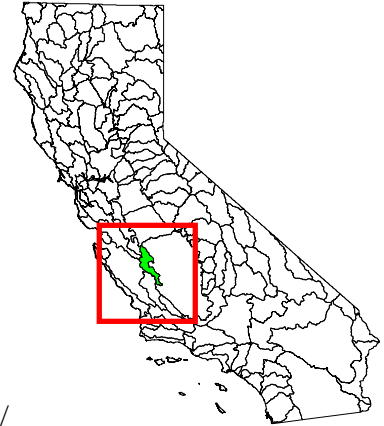
- The watershed assessment has been completed and a portion of the post and cable project has been performed. Currently, the design for the implementation project is being developed.

Additional Funding Obtained/Pending:

A Proposition 50 grant to assist watershed groups with Citizens' Water Quality Monitoring and training. Will work in cooperation with Lake County and the Lake County Farm Bureau (\$64,000).

Westside Resource Conservation District

Upper Los Gatos-Avenal
(Sub-watershed: Arroyo Pasajero)



Amount Funded: \$36,222

Match Provided: \$11,000

Additional Funding Obtained: \$215,000

Watershed Coordinator: Linda Ballentine

Watershed Goal: To improve the water quality of the Arroyo Pasajero/
Domengine Watershed and protect the California Aqueduct by reducing erosion,
sedimentation and flooding.

Watershed Coordinator Objectives and Progress

Objective 1: To increase the visibility of the Arroyo Pasajero CRMP among landowners, agencies and other organizations.

- Continuing to work with landowners on diverse issues including weed eradication.
- Met with management from the Fresno office of the California Conservation Corps to discuss projects within the watershed.

Performance Measure: Increased attendance and involvement in CRMP; new names added to mailing list; development of three additional ranch plans which identify conservation practices that relieve erosion and flooding.



Dr. DiTomasso of UC Davis discusses a potential tamarisk removal project at the Arroyo Pasajero Weed Monitoring Workshop

Objective 2: Improve watershed conditions in the Arroyo Pasajero by reducing erosion and flooding.

- Mapped rain gauge stations.
- Downloaded rain gauge data. Information will be used to develop projects.

Performance Measure: Implementation and support of monitoring practices that result in the collection of data that indicates reduction in sediment erosion and flooding in the Arroyo Pasajero.

Objective 3: Procure funding for CRMP landowner watershed improvement project implementation.

- Working on full proposal for Prop 13/CALFED Drinking Water Program.
- Continued to research grant sources and provide landowners with relevant information.

Performance Measure: Obtain funding to support the implementation of ranch plans and monitoring plans through 2004.

Objective 4: Plan and hold education and outreach events.

- Planning several workshops with California Rangeland Trust, DWR, and West Hills College.

Performance Measure: Increased awareness of the Stewards of the Arroyo Pasajero CRMP activities, create attendance at meetings, workshops and tours.

Additional Funding Obtained/Pending:

- Received \$60,000 from BLM for weed management.